| Inde | ex of Cl | aims |
|------|----------|------|
|      |          |      |

| Application No. | Applicant(s)     |        |  |  |  |  |  |  |
|-----------------|------------------|--------|--|--|--|--|--|--|
| 10/084,820      | GRISWOLD, CHAUNG | CEY W. |  |  |  |  |  |  |
| Examiner        | Art Unit         |        |  |  |  |  |  |  |
| Scott E. Jones  | 3713             |        |  |  |  |  |  |  |

|   | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| • | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ī | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |          |          |   |              |   |          | '        |  |  |          |     |  |          |                 |          |          |          |          |          |          |          |          |    |          | _ |
|-------|----------|----------|---|--------------|---|----------|----------|--|--|----------|-----|--|----------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----|----------|---|
| Cla   | im       |          |   |              |   | Date     | 3        |  |  |          |     | Cla  | aim      |                 |          |          | _[       | Date     | 9        |          |          |          |    | CI       | а |
| Final | Original | 5/27/04  |   | ž            |   |          |          |  |  |          |     | Final  | Original |                 |          |          |          |          |          |          |          |          |    | Final    |   |
|       | 1        |          |   |              |   |          |          |  |  |          |     |  | 51       |                 | $\neg$   |          |          |          |          |          |          |          |    |          | Ť |
|       | 2        |          |   |              |   |          |          |  |  |          |     |  | 52       |                 |          |          |          |          |          |          |          |          |    |          | Ī |
|       | 3        | 1        |   |              |   |          |          |  |  |          | ]   |  | 53       |                 |          |          |          |          |          |          |          |          |    |          | I |
|       | 4        | 4        |   |              |   |          |          |  |  |          |     |  | 54       |                 |          |          |          |          |          |          |          |          | ĺ  |          | ļ |
|       | 5        |          | 匚   |              | $oxed{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |          |          |  |  |          |     |  | 55       | Ш               |          |          |          |          |          |          |          |          |    |          | ļ |
|       | 6        | 1        | $ldsymbol{ley}}}}}}}$ | L            | <u> </u>  |          |          | <u> </u>   |  | <u> </u> | ]   |  | 56       | Щ               | _        |          |          |          |          |          |          |          |    |          | 1 |
|       | 7        | 1        | L   |              | _   |          |          |  |  | _        |     |  | 57       |                 |          |          |          |          |          |          |          |          | 1  | <u> </u> | 1 |
|       | 8        | 1        | <u> </u>  | _            | _   |          |          |  | _  | _        |     |  | 58       | Ш               | _        |          |          |          |          | _        |          |          |    |          | ļ |
|       | 9        |          | <u> </u>  |              | _   |          |          | L  | L  | <u></u>  |     |  | 59       | Щ               | _        |          |          |          | _        |          |          |          |    |          | 1 |
|       | 10       | _        | <u> </u>  |              | <u> </u>  |          |          | <u> </u>   |  | _        | ļ.  | <u> </u>   | 60       |                 | _        |          |          |          |          |          |          |          | 1  |          | ļ |
|       | 11       | <u> </u> | ⊢   | <u> </u>     | <u> </u>  | _        |          | -  | _  | _        | ١,  |  | 61       | $\sqcup$        | _        | _        |          | _        |          |          |          |          |    |          | 1 |
|       | 12       | _        | ⊢   | <u> </u>     |   | _        | _        | L  | _  | _        |     | <u> </u>   | 62       | $\vdash \vdash$ | $\dashv$ | _        |          |          | -        |          |          | _        |    | -        | 1 |
|       | 13       |          | ├   | <u> </u>     | ⊢   | <u> </u> | _        | _  | <u> </u>   | _        |     |  | 63       | $\vdash$        | $\dashv$ |          | _        | _        |          |          |          | _        |    | -        | + |
|       | 14<br>15 | -        | <del> </del>  | -            | <u> </u>  | -        |          |  | -  | _        | ł   |  | 64<br>65 | -               | $\dashv$ |          | -        |          | -        | -        | _        | _        |    | <b>-</b> | ł |
|       | 16       | -        | ⊢   | -            | $\vdash$  | -        |          |  | _  | -        |     |  | 66       |                 | $\dashv$ | -        |          |          | $\vdash$ | H        |          | _        |    |          | † |
|       | 17       | ┝        | ⊢   |              |   | -        |          | $\vdash$   | <del>                                     </del> | $\vdash$ |     | <u> </u>   | 67       | $\vdash$        | -        |          |          |          | H        |          |          | _        |    | -        | t |
|       | 18       | -        | -   | -            | -   | -        |          | -  |  | ╌        |     | <u> </u>   | 68       | Н               | -        |          |          |          | $\vdash$ |          | _        | _        | ,  |          | t |
|       | 19       | 1        | $\vdash$  | -            | $\vdash$  |          |          | ┝  | -  | -        | ł   | <del>                                     </del> | 69       | $\vdash$        | -        | _        | $\vdash$ | -        | -        |          |          |          |    | _        | t |
|       | 20       | i        | $\vdash$  | H            | $\vdash$  | $\vdash$ | _        | H  | $\vdash$   | $\vdash$ | 1   |  | 70       | H               | $\dashv$ |          |          |          |          |          | -        | _        |    |          | t |
|       | 21       | Ì        | $\vdash$  |              | $\vdash$  | Н        | -        | -  | $\vdash$   | $\vdash$ | 1   |  | 71       | H               | 寸        | _        |          |          |          |          |          | _        | ĺ  |          | t |
|       | 22       | V        |   |              |   | Н        | $\vdash$ |  | -  |          |     |  | 72       | $\Box$          | _        | $\neg$   |          |          |          |          |          |          |    |          | t |
|       | 23       |          |   | ·            |   | Т        |          | ┢  |  |          | 1   |  | 73       | П               | $\neg$   |          |          |          |          |          |          |          | ,  |          | t |
|       | 24       |          |   |              | $\Box$  | _        |          |  |  | Г        | ١.  |  | 74       |                 |          |          |          |          |          |          |          |          | ٠, |          | t |
|       | 25       |          |   |              |   |          |          |  |  |          | 1   |  | 75       |                 | $\neg$   |          |          |          |          |          |          |          | 14 |          | Ī |
|       | 26       | 1        |   |              |   |          |          |  |  |          |     |  | 76       |                 |          |          |          |          |          |          |          |          | ٠. |          | I |
|       | 27       |          |   |              |   |          |          |  |  |          |     |  | 77       |                 |          |          |          |          |          |          |          |          |    |          | I |
|       | 28       |          |   |              |   |          |          | L  |  | L        |     |  | 78       |                 |          |          |          |          |          |          |          |          |    |          | 1 |
|       | 29       |          | <u> </u>  | <u> </u>     |   |          |          |  |  | L        |     |  | 79       |                 | _        | _        |          |          |          |          |          |          |    |          | 1 |
|       | 30       | <u> </u> | _   | _            |   |          |          |  |  | _        | 3   |  | 80       | Ш               | _        |          |          |          |          |          |          |          | 1  |          | 1 |
|       | 31       | 1        | ļ   | <u> </u>     | <u> </u>  |          | _        | <u> </u>   | <u> </u>   | ┡        | -   | <u> </u>   | 81       | -               |          |          |          |          | Щ        |          |          |          |    |          | ļ |
|       | 32       |          | ⊢   | ├            | -   | _        |          | L  | _  | ⊢        | ł   | <u> </u>   | 82       | $\vdash$        |          |          |          |          |          |          |          | _        |    |          | ł |
|       | 33       | _        | ⊢   |              | -   | -        |          | H  | <u> </u>   | ⊢        | 1   | <u> </u>   | 83       | $\vdash$        |          |          |          |          | ⊢        | $\vdash$ |          | H        |    |          | ł |
|       | 34<br>35 | -        | $\vdash$  | <del> </del> | ⊢   | -        |          |  | <del> </del> —                                   | $\vdash$ | 1   | <del> </del>                                     | 84<br>85 | $\vdash \vdash$ | -        | _        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | ١. |          | t |
|       | 36       | $\vdash$ | $\vdash$  | $\vdash$     | $\vdash$  | -        |          | $\vdash$   | $\vdash$   | $\vdash$ |     |  | 86       | $\vdash$        | -        | $\dashv$ | -        | -        | ┢        | Н        | <u> </u> | $\vdash$ |    |          | t |
|       | 37       |          | ├   | ├            | ├─  | -        | -        | $\vdash$   | ├─   |          | ł   |  | 87       | $\vdash$        | -        |          | _        | -        | ┝        | $\vdash$ | -        | -        |    |          | t |
|       | 38       |          | $\vdash$  | ┝            | ┢   |          | _        | ┢  | -  | _        | ł   |  | 88       | Н               | -        | _        | _        | -        | ┢        | -        | _        | _        | Ė  | -        | t |
|       | 39       |          | $\vdash$  | $\vdash$     | $\vdash$  | _        |          |  | -  | -        | .a. |  | 89       |                 | -        |          |          |          | _        |          |          |          | ů. |          | t |
|       | 40       | _        | 一   | $\vdash$     | <del>                                     </del>  |          | _        |  |  |          |     |  | 90       |                 |          | _        |          |          | $\vdash$ |          | _        |          | ĺ  |          | t |
|       | 41       | $\vdash$ | $\vdash$  | ┪            | Т   | Г        |          | <del>                                     </del> | $\vdash$   | Т        |     |  | 91       | П               | $\neg$   |          |          |          | $\Box$   |          |          | _        | i  |          | t |
|       | 42       |          |   |              |   | Г        |          |  |  | Г        | . 5 |  | 92       | П               | $\neg$   |          |          |          |          |          |          |          | ı  |          | Ť |
|       | 43       |          |   | Г            |   |          |          |  | T  | ľ        | 3   |  | 93       |                 |          |          |          |          |          |          |          |          |    |          | T |
|       | 44       |          |   |              |   |          |          |  |  |          | ]   |  | 94       |                 |          |          |          |          |          |          |          |          |    |          | J |
|       | 45       |          |   |              |   |          |          |  |  |          | ]   |  | 95       |                 |          |          |          |          |          |          |          |          | 1  |          | I |
|       | 46       |          |   |              |   |          |          |  | 匚  |          |     |  | 96       | $\Box$          |          |          |          |          |          |          |          |          |    |          | ĺ |
|       | 47       | 匚        |   | $\Box$       | 匚   |          |          |  |  | $\Box$   |     |  | 97       | Ш               |          |          |          |          | _        |          |          |          |    |          | ļ |
|       | 48       | _        | <u> </u>  | <u> </u>     | <u> </u>  | _        | <u> </u> | <u> </u>   | <u> </u>   | L        | 1   |  | 98       | Ш               |          |          | _        | L.,      | <u> </u> | Ш        | <u> </u> |          | 1  | <u> </u> | 1 |
|       | 49       | <u> </u> | <u> </u>  | _            | $\vdash$  | _        | Щ.       | L  | <u> </u>   | <u> </u> |     | <u> </u>   | 99       | $\vdash \vdash$ | _        |          | _        |          | ├_       | H        | _        | _        | ļ  | <u> </u> | ļ |
|       | 50       |          |   |              |   | Ш.       | ᆫ        | L_   |  | <u> </u> | J   |  | 100      | Щ               |          |          | L        | L        | <u> </u> | L        |          | L        | J  |          | 1 |

| CI          | aim               |  |  |  | (  | Date         | <br>e        |  |  |          |
|-------------|-------------------|--|--|--|--|--------------|--------------|--|--|----------|
|             |                   |  |  |  |  |              |              |  |  |          |
| <u>70</u>   | Original          |  |  |  |  |              |              |  |  |          |
| Final       | Ğ                 |  |  |  |  |              |              |  |  |          |
| ۳.          | ŏ                 |  |  |  |  |              |              |  |  |          |
|             |                   | _  |  | <u> </u>   | -  | -            | <u> </u>     |  | _  | _        |
|             | 101<br>102        |  |  | _  |  |              | _            |  |  |          |
|             | 102               |  |  |  |  |              |              |  |  |          |
|             | 103               |  |  |  |  | '            |              |  |  |          |
|             | 104               |  |  |  |  |              |              |  |  |          |
|             | 105               |  |  | Г  |  |              |              |  |  |          |
|             | 106               |  |  | _  |  |              |              |  |  |          |
|             | 106<br>107        | _  | $\vdash$   |  |  | Н            | $\vdash$     | _  | _  |          |
|             | 108               | _  | $\vdash$   | ⊢  | $\vdash$   | -            | -            | -  | $\vdash$   |          |
|             | 100               | -  | -  | ┢  | -  | <u> </u>     | -            |  | H  | Н        |
|             | 109               | -  | _  | -  |  | Ь            |              | _  | _  | щ        |
|             | 110               | _  | _  | <u> </u>   | _  | _            | _            |  | _  | _        |
|             | 111               | _  | _  | _  | _  |              | _            |  |  |          |
|             | 112               | <u> </u>   |  | <u> </u>   |  |              |              | <u> </u>   |  | Ш        |
|             | 111<br>112<br>113 |  | L  | _  |  |              |              |  |  |          |
|             | 114<br>115        |  |  |  |  |              |              |  |  |          |
|             | 115               |  |  |  |  |              |              | П  |  |          |
|             | 116               |  |  | $I^-$  |  |              | _            | $\vdash$   |  | П        |
| $\vdash$    | 117               |  |  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     |  | <del>                                     </del> | Н        |
| <b>-</b>    | 118               |  | $\vdash$   |  | -  | -            | $\vdash$     | $\vdash$   | $\vdash$   | Н        |
|             | 110               | $\vdash$   |  | <del>-</del>                                     | -  | ⊢            | $\vdash$     |  | Н  |          |
|             | 119               | <u> </u>   | -  | ⊢  | ┝  | ┝            | $\vdash$     | ⊢  |  |          |
|             | 120<br>121        | <u> </u>   | <u> </u>   | <u> </u>   | _  | ╙            | <u> </u>     | <u> </u>   |  |          |
|             | 121               |  |  |  | L_   | _            | _            | _  | _  |          |
|             | 122               |  |  | L.   | L_   |              |              |  |  |          |
|             | 122<br>123<br>124 |  |  |  | L  |              |              |  |  |          |
|             | 124               |  |  |  |  |              |              |  |  |          |
|             | 125<br>126<br>127 |  |  |  |  |              |              |  |  |          |
|             | 126               |  |  |  |  |              |              |  |  |          |
|             | 127               | _  |  | _  | $\vdash$   | $\vdash$     |              |  | $\overline{}$                                    |          |
|             | 128               | -  | _  | ┝  | $\vdash$   | $\vdash$     | $\vdash$     | -  |  | Н        |
|             | 128<br>129        | ⊢  |  | -  | $\vdash$   |              | <u> </u>     | _  | -  | $\vdash$ |
|             | 129               | ⊢  | _  | ⊢  | ⊢  | -            | _            | -  | _  | $\vdash$ |
|             | 130<br>131        | <u> </u>   | _  | ⊢  | ├  | _            |              | <u> </u>   | H  |          |
|             | 131               | <u> </u>   | -  | <u> </u>   | <u> </u>   |              | _            | <u> </u>   | _  | _        |
|             | 132               | <u> </u>   | Ŀ  | <u> </u>   |  |              | <u> </u>     | <u> </u>   | L_   | <u> </u> |
|             | 133               | <u> </u>   | <u> </u>   |  | <u> </u>   | $oxed{oxed}$ | <u> </u>     | 乚  |  | Ŀ        |
|             | 134               | L  | L  | L  |  |              |              |  |  |          |
|             | 135               | L  | L  |  | L  | L            | L            | L  |  |          |
|             | 136               |  |  |  |  |              |              |  |  |          |
|             | 136<br>137        |  | Г  | Г  |  |              |              |  |  |          |
|             | 138               |  | $\vdash$   | 1  | ⇈  |              | $\vdash$     | $\vdash$   | $\vdash$   | П        |
| $\vdash$    | 139               | <del>                                     </del> | Н  | <del>                                     </del> | <del>                                     </del> | _            | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ |
| <b></b>     | 140               | $\vdash$   | <del>                                     </del> | -  | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ |
|             |                   | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$     | -            | $\vdash$   | -  |          |
|             | 141               | <u> </u>   | <u> </u>   | <u> </u>   | _  | ⊢            | -            | -  | -  | $\vdash$ |
|             | 142               | <u> </u>   | <b>—</b>   | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>   | $\vdash$ |
|             | 143               | <u> </u>   |  |  |  | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>   |          |
| L           | 144               | L  | L  |  |  | L            | _            | L  | L  |          |
|             | 145               | L  | L  | L  | L  | L            |              | L  | L  |          |
|             | 146               |  |  |  |  | Γ            |              |  |  |          |
|             | 147               |  | Π  | Π  |  | Г            |              | Γ  |  |          |
| <b></b>     | 148               |  | $\vdash$   | T  |  |              |              |  | _  |          |
| <del></del> | 149               | <del>                                     </del> | _  | <del>                                     </del> | $\vdash$   | $\vdash$     |              | <del>                                     </del> | $\vdash$   | $\vdash$ |
|             | 150               | -  | -  | <del>                                     </del> | <del>  -</del>                                   | <del> </del> | <del> </del> | <del>  -</del>                                   | <del>  -</del>                                   | $\vdash$ |
| Щ_          | 100               | <u> </u>   |  | Ц  |  |              |              |  | L  |          |